

Emergency Fire Fighter and Structure Fire Fighter Training	FY2002 Request:	\$300,000
	Reference No:	35741

AP/AL: Appropriation Category: Health/Safety Location: Statewide Election District: Statewide Estimated Project Dates: 07/01/2002 - 06/30/2007	Project Type: Health and Safety Contact: Jeff Jahnke Contact Phone: (907)269-8474
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Brief Summary and Statement of Need:

The facts that 86% of fires in the State's protection area are human caused, and the population has increased, emphasize the need to reduce urban/interface fire risk. A primary mission for Forestry is to reduce the number of fires that result from human actions, whether as a function of population growth or other causes. This project provides wildland urban/interface fire and safety training to Structure and Volunteer Fire Departments, whose training does not stress wildland fire suppression. It will expand the outreach of the FIREWISE program to promote individual landowner responsibility for the protection of their personal property. Reducing risk of a serious fire is critical to public health and safety.

Funding:

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Gen Fund	\$300,000		\$100,000	\$100,000	\$100,000	\$100,000	\$700,000
Total:	\$300,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input checked="" type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Prior Funding History / Additional Information:

This project is requested under Homeland Security.
 In SLA00/CH135 \$80,000 in CIP funds helped support training of 350 fire department personnel who attended 40 classes for a total of 581 classroom hours. Significant wildland training must be accomplished on an annual basis to assure safety requirements are met and to train new department personnel.

This request meets several of the anti-terrorism and response guidelines listed in the Governor's draft legislation dated 11/19/01:

- a. The training of emergency firefighter (EFF) and structure firefighters in advanced firefighting and the National Interagency Incident Management System (NIIMS), Incident Command System (ICS) will strengthen an existing program that protects and save lives;
- b. Additional training will improve the firefighter's capabilities for responding to all emergencies;
- c. Firefighters trained to the same NIIMS ICS standards will aid in the deployment of resources to augment response to wildland fires in the urban interface areas and will be available to assist with other disasters in locations with inadequate response capabilities.

The State will be safer because the firefighters will be trained to advanced firefighting and NIIMS ICS levels that will improve their firefighting capabilities in responding to and suppressing wildland fires in the urban interface as well as improving their response to all emergencies.

If this training is not funded the EFF and structure firefighters will not be trained to an adequate level, which will reduce their abilities in successfully suppressing fires in the urban interface areas of the state. They will also be less effective in responding to emergencies of all kinds.

Project Detail:

1. This project includes prevention, FIREWISE, defensible space, and structure fire department training to reduce the risk of wildland fire in the urban interface.
2. The Division relies heavily on Structure Fire Departments (SFDs) to assist with wildland fire suppression in the urban/interface areas of the state. Funding is needed annually to provide wildland fire and safety training to SFD personnel.
3. It will expand the outreach of the FIREWISE program for individual and community preparedness, promoting individual responsibility.
4. This project helps train and prepare structural fire departments to effectively and safely attack wildland fires as first responders. Forestry depends on the closest force concept, which is often SFD's and VFD's, so proper training in essential.

Project Support:

Peninsula Borough, Mat-Su Borough, North Star Borough, Municipality of Anchorage, 56 Structural and Volunteer Fire Departments, the State Fire Marshals Office and wildland fire professionals charged with managing and mitigating these problems. This project provides an improved climate of fire protection.

Project Opposition:

None known or anticipated.

Project History:

In 2000, Capital Improvement Project funds helped support training of 350 fire department personnel who attended 40 classes for a total of 581 classroom hours. Significant wildland training must be accomplished on an annual basis to assure safety requirements are met and to train new department personnel.

Alternative Approaches/Financing Considered:

Alternative funding not available for wildland/urban interface training for local volunteer and structural fire departments.

Specific Spending Detail:

Contractual Services - \$150.0 for training.

Supplies - \$150.0 for materials including prevention & training supplies, course workbooks, etc.

Emergency Communications Equipment for Fire Fighters	FY2002 Request:	\$400,000
	Reference No:	35743

AP/AL: Appropriation Category: Health/Safety Location: Statewide Election District: Statewide Estimated Project Dates: 07/01/2002 - 06/30/2007	Project Type: Equipment Contact: Jeff Jahnke Contact Phone: (907)269-8474
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Brief Summary and Statement of Need:

Safety of the public and firefighters is dependent upon a communications system that is fully operational with other emergency response agencies and cooperators. This project funds migration to the FCC mandated narrowband efficiency standards and supports the state telecommunications plan.

Funding:

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Gen Fund	\$400,000		\$175,000	\$175,000	\$175,000	\$175,000	\$1,100,000
Total:	\$400,000	\$0	\$175,000	\$175,000	\$175,000	\$175,000	\$1,100,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Prior Funding History / Additional Information:

This is a new project request under Homeland Security.

Emergency Communications Equipment for Fire Fighters

FY2002 Request:

\$400,000

Reference No:

35743

This request meets several of the anti-terrorism and response guidelines listed in the Governor's draft legislation dated 11/19/01.

- a. The funding of this communication project will strengthen an existing program that protects and saves lives
- b. It will improve capabilities for safely responding to all emergencies
- c. It will improve the ability of wildland firefighters in maintaining the ability to communicate at all times and on all emergencies.

The state will be safer because wildland firefighters will be able to communicate more effectively with other emergency responders in suppressing wildland fires as well as better communications on all emergencies.

If this project is not funded wildland firefighters will not be able to communicate as effectively with its cooperators on wildland fires and other emergencies.

Project Detail:

Safety of the public and firefighters is dependent upon a communications system that is fully operational with other emergency response agencies and cooperators. This is essential to assure safe evacuation of residential areas (as with the Millers Reach, and the Helmar Road fires).

This project funds migration to the FCC mandated narrowband efficiency standards and supports the state telecommunications plan. Forestry will replace obsolete radio equipment as buildout occurs on new statewide trunking system allowing federal, state, municipal communications for emergency response.

The useful life of a portable radio is 8 years, many of Forestry's radios are 10-12 years old. This coupled with the requirements of the Land Radio Migration initiative necessitates the replacement of the existing radios, and eventually extending the coverage from the roadway into areas of protection responsibility in the wildlands.

If this project is not funded, Forestry will continue to use existing analog equipment and be out of compliance with FCC standards. This also results in reduced response capabilities, as it is essential to be able to communicate with other fire service agencies.

Specific Spending Detail:

Contractual Services – \$55.0. Contractual funds for implementation.

Equipment – \$345.0. Initial phase of purchasing, programming and installing new portable and mobile radios and base stations.

Project Support: Supported by the Alaska State Fire Chiefs Association local governments including the Anchorage Municipality, the Kenai, Mat/Su and Fairbanks North Star Boroughs, state and federal cooperators, and the general public who receive the benefit of enhanced safety.

Project Opposition: None known or anticipated.

Fire Equipment Replacement and Maintenance**FY2002 Request: \$400,000**
Reference No: 35742**AP/AL:** Appropriation**Project Type:** Health and Safety**Category:** Health/Safety**Location:** Statewide**Contact:** Jeff Jahnke**Election District:** Statewide**Contact Phone:** (907)269-8474**Estimated Project Dates:** 07/01/2002 - 06/30/2007**Brief Summary and Statement of Need:**

A primary mission of the Division of Forestry is the containment of 90% of wildland fires at 10 acres or less on lands in "full" and "critical" protection. This project funds replacement of critical fire equipment including various pumps, chainsaws, and fire engine tools. It also incorporates start-up and maintenance of over 125 pieces of Federal Excess Personal Property (FEPP). FEPP items are an important component of the division's fleet of fire engines, brush rigs, forklifts, and small engines. Some of these items are loaned, under cooperative agreement, to local volunteer fire departments.

Funding:

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Gen Fund	\$400,000		\$150,000	\$150,000	\$150,000	\$150,000	\$1,000,000
Total:	\$400,000	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$1,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Prior Funding History / Additional Information:

This project is requested under Homeland Security.

Fire Equipment Replacement and Maintenance

FY2002 Request: \$400,000
Reference No: 35742

This request meets several of the anti-terrorism and response guidelines listed in the Governor's draft legislation dated 11/19/01.

- a. The replacement of unserviceable emergency firefighting equipment and the maintenance of fire equipment will strengthen an existing program that protects and saves lives;
- b. This project will improve capabilities for safely responding to all emergencies by providing new and well-maintained firefighting equipment to be utilized by wildland firefighters during initial attack operations in suppressing wildland fires in the urban interface areas of the state.
- c. This project will reinforce first responder capabilities by ensuring that the equipment utilized in suppressing wildland fires in the urban interface areas of the state is in good condition.

The State will be safer because new and well-maintained fire equipment will help wildland firefighters and structure firefighters be more effective in initial attacking and suppressing wildland fires in the urban interface areas of the state. This equipment can also be utilized in all other emergencies where applicable.

The risk the state will face is that if unserviceable, poorly maintained equipment is utilized by the wildland firefighters and structure firefighters they will be less effective in suppressing fires in the urban interface areas increasing the potential for a costly and disastrous escaped project fire. Unserviceable equipment is also dangerous for the firefighters to operate and increases the potential for an accident to occur with serious injury or death to the firefighters.

Project Detail:

This project will replace critical fire fighting equipment such as pumps, chainsaws, fire engine tools and other equipment. Many of the pumps now used for initial attack were purchased in the mid-1980s, requiring increasing maintenance and could fail at critical times. The State has an inventory of 110 Mk-26 pumps as an example. These pumps and spare parts are no longer in production and the pumps are over 20 years old. Average cost of replacement per pump is \$3.0. This equipment is critical for successful initial attack and is continually used in the urban interface where equipment failure that could result in a large fire cannot be risked.

Project Benefits:

It is essential that the State maintain equipment to industry standards in order to limit liability and ensure safety and productivity. This project will provide firefighters with safe, dependable equipment. The structural fire departments and volunteer fire departments that frequently respond first to emergency situations rely on this equipment. In working with or directly in support of local fire departments, the cooperative effort benefits the public with improved service and reduced costs.

Projected Revenue to the State:

The project does not directly raise revenue; however, it helps to reduce fire suppression costs and reduce destruction of natural resources, public facilities, and private property.

Project Support:

Supported by the Alaska Fire Chiefs Association, Interior Fire Chiefs Association, Kenai Peninsula Borough, the Mat/Su Borough and 56 structural fire departments as well as the general public who receive the benefit of increased fire protection.

Project Opposition:

None known or anticipated.

Specific Spending Detail:

Contractual Services – \$ 65.0. Contractual funding for maintenance and repair.

Supplies – \$ 35.0. Maintenance materials.

Equipment – \$ 300.0. Purchase new equipment.